<u>Amendments to the Claims:</u>

This listing of claims will replace all prior versions and listings of claims in the application:

<u>Listing of Claims:</u>

1.(Currently Amended) An ~~traffic generating~~ apparatus to generate a data stream in a ~~block spreading~~ code division multiple access mobile communication system, the apparatus comprising:

a chip spreading unit to~~for~~ generate a first data stream including m spread symbols by spreading n ~~the predetermined number of~~ symbols using ~~by a~~one spreading code; and

a symbol generating unit to~~for~~ generate~~ing~~ a second data stream including the first data stream, a forward guard data stream and a backward guard data stream,

wherein the symbol generating unit generates the forward guard data stream ~~symbols~~ by repeatedly copying a first spread symbol among ~~of~~ m ~~the spread~~ symbols by p ~~the number of~~ times ~~to make reduction of interference due to multiple paths possible~~, generate~~sing~~ the backward guard data stream ~~symbols~~ by repeatedly copying q~~a plurality of~~ rear spread symbols among m ~~of the~~ spread symbols using ~~in~~ a mirror manner, starting from a last spread symbol among ~~of~~ m ~~the~~ spread symbols, by r ~~the number of~~ times ~~to make reduction of interference due to multiple paths possible, and outputting the generated forward and backward guard symbols,~~ and each of m, n, p, q and r is an integer greater than or equal to 1.

2. (Currently Amended) The ~~traffic generating~~ apparatus as set forth in claim 1, wherein the symbol generating unit comprises:

a latch circuit to~~for~~ latch~~ing~~ and output~~ting~~ the~~a~~ first spread symbol repeatedly ~~input from the chip spreading unit~~ during a first ~~predetermined~~ time period ~~of time~~;

a delay circuit to ~~for~~ delay~~ing~~ the first data stream ~~and outputting symbols input from the chip spreading unit~~ by a second time period identical to the first ~~of~~ time period ~~of output of the latch circuit~~;

a buffer to ~~for receiving and~~ stor~~ing~~ m spread ~~the predetermined number of~~ symbols, starting from the ~~a~~ last spread symbol among m ~~of the~~spread symbols ~~input from the chip spreading unit~~, and outputt~~ing~~ m spread ~~the stored~~symbols using ~~in a~~ last in first out (LIFO) manner; and

a multiplexer to~~for~~ generat~~eing~~ the second data stream by multiplexing ~~first symbol~~output off~~rom~~ the latch circuit as the forward guard data stream~~symbol~~, ~~outputting the~~output of the delay circuit as the first data stream, and ~~outputting the symbols~~output of ~~from~~the buffer as the backward guard data stream~~symbols~~.

3. (Currently Amended) A method to~~for~~ generate a data stream~~ing traffic~~ in a ~~block spreading~~code division multiple access mobile communication system, the method comprising the steps of:

generating a first data stream including m spread symbols by spreading n ~~the predetermined number of~~symbols using a ~~by one~~spreading code; and

generating a second data stream including the first data stream, a forward guard data stream and a backward guard data stream~~and outputting forward guard symbols by repeatedly copying a first symbol of the spread symbols by the number of times to make reduction of interference due to multiple paths possible,~~;

~~outputting the spread symbols successively after the output of the forward guard symbols; and~~

~~generating~~wherein the forward guard data stream is generated by repeatedly copying a first spread symbol among m symbols by p times, the backward guard data stream is generated ~~symbols~~ by repeatedly copying q~~a plurality of~~rear spread symbols of among m ~~the~~spread symbols using ~~in a~~ mirror manner, starting from a last spread symbol among ~~of them~~ spread symbols, by r~~the number of~~ times, and each of m, n, p, q and r is an integer greater than or equal to 1 ~~to make reduction of interference due to multiple paths possible, and outputting the generated backward guard symbols successively after the output of the spread symbols~~.

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4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)